

Converting Colors

$Y_{xy}(39.1040, 0.4097, 0.3770)$

Have a look what the booklet for
Yxy(39.1040, 0.4097, 0.3770)
contains.

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Color

Yxy(39.2074, 0.4094, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	D59C75
RGB	213, 156, 117
RGB Percent	84%, 61%, 46%
CMY	0.1647, 0.3882, 0.5410
CMYK	0.00, 0.27, 0.45, 0.16
HSL	24°, 53%, 65%
HSV	24°, 45%, 84%
XYZ	42.5431, 39.2074, 22.1652
YIQ	168.5970, 46.4910, -0.0450

Conversions

Conversions Part 2

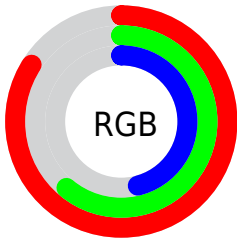
Format	Color
R _Y B	213, 183, 117
Decimal	13999221
CIE Lab	68.90, 16.52, 28.73
CIE LCh	69, 33.140, 60.102
Yxy	39.2074, 0.4094, 0.3773
Android (android.graphics.Color)	4292189301 (0xFFD59C75)
YUV	168.5970, -25.4373, 38.9414
Hunter-Lab	62.6158, 11.7007, 22.8431

Details

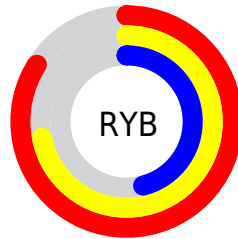
The Yxy color **39.2074, 0.4094, 0.3773** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.8770, 0.2429, 0.2738**, and the grayscale version is **39.5798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7131, 0.3777, 0.3725**, and **17.5884, 0.4380, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **34.7362, 0.4390, 0.3869**, and if you desaturate by 10%, it is **44.2387, 0.3826, 0.3665**.

Distribution



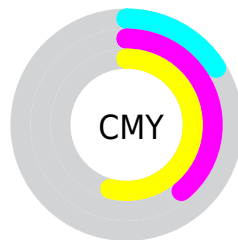
- Red (84%)
- Green (61%)
- Blue (46%)



- Red (84%)
- Yellow (72%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (45%)
- Black (16%)



- Cyan (16%)
- Magenta (39%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2074, 0.4094, 0.3773 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 39.2074, 0.4094, 0.3773 by changing the saturation by 10% instead.


 39.2074, 0.4094,
0.3773


 39.2074, 0.4094,
0.3773


342.7715, 0.3596,
0.3545


 26.9211, 0.4220,
0.3823


 73.9550, 0.3911,
0.3695

 17.5140, 0.4383,
0.3882


 97.1852, 0.3843,
0.3664

 10.6016, 0.4597,
0.3950


 124.8321, 0.3785,
0.3637

 5.7996, 0.4888,
0.4022

157.2801, 0.3736,
0.3614

 2.7236, 0.5417,
0.4170

194.9137, 0.3694,
0.3594

 0.9892, 0.5935,
0.4065

238.1171, 0.3657,

 0.0000, 1.0000,

0.3576

0.0000

287.2749, 0.3625,
0.3560

0.0000, 0.0000,
0.0000

39.2074, 0.4094,
0.3773

39.2074, 0.4094,
0.3773

34.7362, 0.4390,
0.3869

44.2387, 0.3826,
0.3665

30.7983, 0.4706,
0.3942

49.8445, 0.3590,
0.3554

27.3723, 0.5026,
0.3979


56.0455, 0.3384,
0.3445


24.4334, 0.5326,
0.3969


62.8596, 0.3207,
0.3340


21.9530, 0.5583,
0.3904

70.3041, 0.3055,
0.3243

 20.8801, 0.5695,
0.3860

 78.3953, 0.2925,
0.3152

 86.4107, 0.2872,
0.3182

 92.8872, 0.2877,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.2074, 0.4040, 0.3390



39.2074, 0.4094, 0.3773



39.2074, 0.3871, 0.4075

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.2074, 0.4094, 0.3773



39.2074, 0.2549, 0.3565



39.2074, 0.2751, 0.2533

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.2074, 0.4094, 0.3773



38.8770, 0.2429, 0.2738

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.2074, 0.2402, 0.2526



39.2074, 0.4094, 0.3773



39.2074, 0.2291, 0.3079

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.2074, 0.4094, 0.3773



39.2074, 0.2970, 0.3994



39.2074, 0.2242, 0.2709



39.2074, 0.3229, 0.2708

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.2074, 0.4094, 0.3773



39.2074, 0.3608, 0.4174



39.2074, 0.2242, 0.2709



39.2074, 0.2616, 0.2510

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.2093, 0.4094, 0.3773



85.1189, 0.3367, 0.3435



29.9580, 0.3596, 0.2596



17.7636, 0.3408, 0.3458



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2093, 0.4094, 0.3773



52.5180, 0.4375, 0.3865



58.3382, 0.3837, 0.4296



13.2404, 0.3281, 0.3385



12.9425, 0.5670, 0.3880



0.9410, 0.5357, 0.4129

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.8770, 0.2429, 0.2738



51.9124, 0.2294, 0.2596



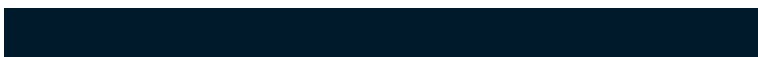
23.6725, 0.2305, 0.2029



13.2228, 0.2982, 0.3193



12.3362, 0.1864, 0.1910



0.9047, 0.1937, 0.2174

Previews

White Background



This preview shows how the Yxy color 39.2074, 0.4094, 0.3773 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.2074, 0.4094, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

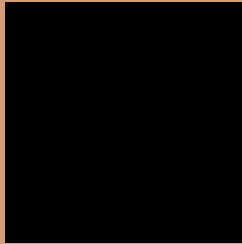
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2074, 0.4094, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 39.2074, 0.4094, 0.3773.



This preview shows how white text looks on a background with the Yxy color 39.2074, 0.4094, 0.3773.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.2074, 0.4094, 0.3773

Protanopia

39.2342, 0.3662, 0.3929

Deuteranopia

39.1682, 0.3954, 0.3873



Tritanopia

39.1730, 0.3697, 0.3146

Trichromacy



Original Color

39.2074, 0.4094, 0.3773

Protanomaly

39.2444, 0.3820, 0.3878

Deuteranomaly

39.0364, 0.4006, 0.3839

Tritanomaly

39.1307, 0.3848, 0.3366

Monochromacy



Original Color

39.2074, 0.4094, 0.3773

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0672, 0.3457, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2074, 0.4094, 0.3773 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(213, 156, 117)` looks like.

```
.text, #text, p{  
    color:rgb(213, 156, 117)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(213, 156, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 156, 117) }
```

Border

The CSS property to change the border of an element to Yxy 39.2074, 0.4094, 0.3773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 156, 117) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(213, 156, 117) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(213, 156, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 156, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 156, 117);  
box-shadow:4px 4px 4px 4px rgb(213, 156,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2074, 0.4094, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 156, 117) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(213,  
156, 117) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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